

Project Title	Funding	Strategic Plan Objective	Institution
Genetic rescue of fragile X syndrome in mice by targeted deletion of PIKE	\$60,000	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Autism Consortium	\$300,000	Q7.N	Autism Consortium
Simons Variation in Individuals Project (VIP) Site	\$406,581	Q2.S.G	Baylor College of Medicine
Analysis of candidate genes derived from a protein interaction network in SSC samples	\$0	Q3.L.B	Baylor College of Medicine
A genome-wide search for autism genes in the SSC Baylor	\$0	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection Site	\$165,584	Q3.L.B	Baylor College of Medicine
Studies of postmortem brain searching for epigenetic defects causing autism	\$200,000	Q3.S.J	Baylor College of Medicine
Disorders of Synaptic Dysfunction Symposium and Workshop	\$5,000	Q7.K	Baylor College of Medicine
Recessive genes for autism and mental retardation	\$0	Q3.L.B	Beth Israel Deaconess Medical Center
RNA expression studies in autism spectrum disorders	\$500,000	Q1.L.A	Boston Children's Hospital
Electrophysiological, metabolic and behavioral markers of infants at risk	\$395,734	Q1.L.A	Boston Children's Hospital
Signatures of gene expression in autism spectrum disorders	\$0	Q1.L.A	Boston Children's Hospital
Corticothalamic circuit interactions in autism	\$50,000	Q2.Other	Boston Children's Hospital
Simons Variation in Individuals Project (VIP) Site	\$509,875	Q2.S.G	Boston Children's Hospital
Simons Variation in Individual Project (Simons VIP) Core Leader Gift	\$8,244	Q2.S.G	Boston Children's Hospital
A genome-wide search for autism genes in the SSC CHB	\$0	Q3.L.B	Boston Children's Hospital
Simons Simplex Collection Site	\$124,993	Q3.L.B	Boston Children's Hospital
Finding recessive genes for autism spectrum disorders	\$361,824	Q3.L.B	Boston Children's Hospital
Perinatal choline supplementation as a treatment for autism	\$62,500	Q4.S.B	Boston University
A genome-wide search for autism genes in the SSC Brown	\$0	Q3.L.B	Brown University
Autism and the insula: Genomic and neural circuits	\$506,341	Q2.Other	California Institute of Technology
A non-human primate autism model based on maternal infection	\$200,000	Q2.S.A	California Institute of Technology
Single-unit recordings from the amygdala in people with autism	\$54,000	Q2.S.E	California Institute of Technology
A probiotic therapy for autism	\$62,500	Q4.S.B	California Institute of Technology
Eye movement dynamics in autism spectrum disorders	\$42,350	Q2.Other	Carnegie Mellon University
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$303,305	Q2.S.G	Children's Hospital of Philadelphia
Simons Variation in Individuals Project (VIP) Structural Imaging and Phenotyping Site - SCAP-local	\$0	Q2.S.G	Children's Hospital of Philadelphia

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Mitochondria and the etiology of autism	\$87,500	Q3.L.B	Children's Hospital of Philadelphia
Alterations in brain-wide neuroanatomy in autism mouse models	\$0	Q2.Other	Cold Spring Harbor Laboratory
Investigation of social brain circuits in mouse models of the 16p11.2 locus	\$87,500	Q2.Other	Cold Spring Harbor Laboratory
Genetic basis of autism	\$3,332,095	Q3.L.B	Cold Spring Harbor Laboratory
Systematic analysis of neural circuitry in mouse models of autism	\$74,991	Q4.S.B	Cold Spring Harbor Laboratory
16p11.2: defining the gene(s) responsible	\$350,000	Q4.S.B	Cold Spring Harbor Laboratory
Characterizing ASD phenotypes by multimedia signal and natural language processing	\$339,498	Q1.L.C	Columbia University
Role of neurexin in the amygdala and associated fear memory	\$25,000	Q2.Other	Columbia University
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$200,000	Q2.Other	Columbia University
Aberrant synaptic form and function due to TSC-mTOR-related mutation in autism spectrum disorders	\$300,000	Q2.S.D	Columbia University
Aberrant synaptic function caused by TSC mutation in autism	\$0	Q2.S.D	Columbia University
Simons Variation in Individuals Project (VIP) Statistical Core Site	\$131,768	Q2.S.G	Columbia University
Simons Variation in Individuals Project (VIP) Principal Investigator	\$20,272	Q2.S.G	Columbia University
Simons Variation in Individuals Project (Simons VIP) Principal Investigator Gift	\$48,731	Q2.S.G	Columbia University
Simons Simplex Collection Site	\$260,000	Q3.L.B	Columbia University
Genomic imbalances at the 22q11 locus and predisposition to autism	\$200,000	Q4.S.B	Columbia University
Investigating the effects of chromosome 22q11.2 deletions	\$300,000	Q4.S.B	Columbia University
Cognitive usability evaluation of the SFARI system	\$33,054	Q7.O	Columbia University
Dynamics of cortical interactions in autism spectrum disorders	\$60,000	Q1.L.A	Cornell University
Role of UBE3A in neocortical plasticity and function	\$367,500	Q4.S.B	Duke University
Physical and clinical infrastructure for research on infants at risk for autism	\$0	Q1.L.A	Emory University
Growth charts of altered social engagement in infants with autism	\$0	Q1.L.A	Emory University
Quantitative proteomic approach towards understanding and treating autism	\$112,500	Q2.S.D	Emory University

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Simons Variation in Individuals Project (Simons VIP)	\$612,679	Q2.S.G	Emory University
Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes	\$92,640	Q2.S.G	Emory University
Language processing in children with 22q11 deletion syndrome and autism	\$0	Q2.S.G	Emory University
A genome-wide search for autism genes in the SSC Emory	\$0	Q3.L.B	Emory University
Comprehensive genetic variation detection to assess the role of the X chromosome in autism	\$0	Q3.L.B	Emory University
Simons Simplex Collection Site	\$256,849	Q3.L.B	Emory University
Language learning in autism	\$31,500	Q1.L.C	Georgetown University
Exploring metabolic dysfunction in the brains of people with autism	\$59,856	Q2.S.A	George Washington University
Amygdala in Health and Disease	\$1,000	Q7.K	Gordon Research Conferences
Perturbed activity-dependent plasticity mechanisms in autism	\$158,034	Q2.Other	Harvard Medical School
Proteome and interaction networks in autism	\$31,250	Q2.Other	Harvard Medical School
Underlying mechanisms in a cerebellum-dependent model of autism	\$0	Q2.S.D	Harvard Medical School
The role of UBE3A in autism	\$62,500	Q2.S.D	Harvard Medical School
The Brain Genomics Superstruct Project	\$0	Q2.L.B	Harvard University
Simons Variation in Individuals Project (VIP) Imaging Analysis Site	\$28,560	Q2.S.G	Harvard University
Illumina, Inc.	\$1,471,725	Q3.L.B	Illumina, Inc.
International Meeting for Autism Research (IMFAR) Support	\$50,000	Q7.K	International Society for Autism Research
The role of CNTNAP2 in embryonic neural stem cell regulation	\$75,000	Q2.Other	Johns Hopkins University School of Medicine
Integrative genetic analysis of autistic brains	\$400,000	Q3.L.B	Johns Hopkins University School of Medicine
The role of contactin-associated protein-like 2 (CNTNAP2) and other novel genes in autism	\$116,150	Q3.L.B	Johns Hopkins University School of Medicine
Investigation of the role of MET kinase in autism	\$0	Q4.S.B	Johns Hopkins University School of Medicine
The role of glutamate receptor interacting proteins in autism	\$62,500	Q4.S.B	Johns Hopkins University School of Medicine
Studying the neural development of patient-derived stem cells	\$31,250	Q4.S.B	Johns Hopkins University School of Medicine
Simons Simplex Community at the Interactive Autism Network (SSC@IAN)	\$375,000	Q7.C	Kennedy Krieger Institute

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Accelerating Autism Research through the Interactive Autism Network (IAN Core)	\$100,000	Q7.C	Kennedy Krieger Institute
Accelerating autism research through the Interactive Autism Network	\$0	Q7.C	Kennedy Krieger Institute
Retrograde synaptic signaling by Neurexin and Neuroligin in <i>C. elegans</i>	\$250,000	Q2.Other	Massachusetts General Hospital
Identification of targets for the neuronal E3 ubiquitin ligase PAM	\$60,000	Q2.S.D	Massachusetts General Hospital
A recurrent genetic cause of autism	\$200,000	Q3.L.B	Massachusetts General Hospital
Genome-wide analyses of DNA methylation in autism	\$200,000	Q3.S.J	Massachusetts General Hospital
Control of synaptic protein synthesis in the pathogenesis and therapy of autism	\$301,087	Q4.S.B	Massachusetts General Hospital
Neural mechanisms for social cognition in autism spectrum disorders	\$112,523	Q2.Other	Massachusetts Institute of Technology
Regulation of synaptogenesis by cyclin-dependent kinase 5	\$180,264	Q2.Other	Massachusetts Institute of Technology
Neural and cognitive mechanisms of autism	\$0	Q4.S.B	Massachusetts Institute of Technology
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	\$0	Q4.S.B	Massachusetts Institute of Technology
Using <i>Drosophila</i> to model the synaptic function of the autism-linked NHE9	\$75,000	Q4.S.B	Massachusetts Institute of Technology
Dissecting the circuitry basis of autistic-like behaviors in mice	\$350,000	Q4.S.B	Massachusetts Institute of Technology
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$200,000	Q4.S.B	Massachusetts Institute of Technology
Infrastructure support for autism research at MIT	\$1,500,000	Q7.K	Massachusetts Institute of Technology
Mindspec, Inc.	\$768,400	Q7.Other	Mindspec, Inc.
Hyperthermia and the amelioration of autism symptoms	\$0	Q2.S.A	Montefiore Medical Center
Testing the use of helminth worm ova in treating autism spectrum disorders	\$0	Q4.L.A	Montefiore Medical Center
Role of cadherin-8 in the assembly of prefrontal cortical circuits	\$31,188	Q4.S.B	Mount Sinai School of Medicine
The role of SHANK3 in autism spectrum disorders	\$180,000	Q4.S.B	Mount Sinai School of Medicine
Annual SFARI Meeting	\$463,909	Q7.K	N/A
SFARI Conferences, Workshops & Events	\$579,228	Q7.Other	N/A
Early expression of autism spectrum disorder in experimental animals	\$54,000	Q2.Other	Neurochlore
Role of RAS/RAF/ERK pathway in pathogenesis and treatment of autism	\$51,640	Q4.S.B	New York State Institute for Basic Research in Developmental Disabilities

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Canonical neural computation in autism spectrum disorders	\$200,717	Q2.Other	New York University
The integration of interneurons into cortical microcircuits	\$75,000	Q2.Other	New York University School of Medicine
Neurologin, oxidative stress and autism	\$75,000	Q2.Other	Oklahoma Medical Research Foundation
Functional brain networks in autism and attention deficit hyperactivity disorder	\$149,841	Q1.L.B	Oregon Health & Science University
Prosodic and pragmatic processes in highly verbal children with autism	\$112,500	Q1.L.C	President & Fellows of Harvard College
The brain genomics superstruct project	\$75,000	Q2.S.G	President & Fellows of Harvard College
Head-fixed recording of sensory learning in mouse autism models	\$60,000	Q2.Other	Princeton University
Prometheus Research, LLC	\$3,392,463	Q7.N	Prometheus Research, LLC
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$0	Q3.S.J	Research Foundation for Mental Hygiene, Inc.
Autism spectrum disorders and the visual analysis of human motion	\$125,000	Q2.Other	Rutgers, The State University of New Jersey
Rutgers, The State University of New Jersey	\$5,333,663	Q7.D	Rutgers, The State University of New Jersey
Perturbed cortical patterning in autism	\$0	Q2.Other	Seattle Children's Hospital
Function and dysfunction of neuroligins in synaptic circuits	\$450,000	Q2.Other	Stanford University
GABA(A) and prenatal immune events leading to autism	\$62,500	Q2.S.A	Stanford University
Mesocorticolimbic dopamine circuitry in mouse models of autism	\$87,337	Q2.S.D	Stanford University
Probing a monogenic form of autism from molecules to behavior	\$187,500	Q2.S.D	Stanford University
Neurobiology of RAI1, the causal gene for Smith-Magenis syndrome	\$31,022	Q2.S.D	Stanford University
Characterizing sleep disorders in autism spectrum disorder	\$112,064	Q2.S.E	Stanford University
16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	\$0	Q4.S.B	Stanford University
Developing a new model system to study mechanisms of attention control	\$60,000	Q4.S.B	Stanford University
Using iPS cells to study genetically defined forms with autism	\$100,000	Q4.S.B	Stanford University
Autism spectrum disorder and autoimmune disease of mothers	\$91,480	Q3.S.E	The Feinstein Institute for Medical Research
The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum	\$75,000	Q3.L.B	The Pennsylvania State University

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Simons Simplex Collection Site	\$132,257	Q3.L.B	The Research Institute of the McGill University Health Centre
Defining cells and circuits affected in autism spectrum disorders	\$669,298	Q2.Other	The Rockefeller University
Deficits in tonic inhibition and the pathology of autism spectrum disorders	\$31,250	Q4.S.B	Tufts University
Functional analysis of neurexin IV in Drosophila	\$68,652	Q2.Other	University of California, Los Angeles
A functional genomic analysis of the cerebral cortex	\$85,471	Q2.Other	University of California, Los Angeles
A genome-wide search for autism genes in the SSC UCLA	\$0	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection Site	\$277,643	Q3.L.B	University of California, Los Angeles
Using fruit flies to map the network of autism-associated genes	\$31,249	Q2.Other	University of California, San Diego
Atypical architecture of prefrontal cortex in young children with autism	\$565,183	Q2.Other	University of California, San Diego
Relating copy number variants to head and brain size in neuropsychiatric disorders	\$374,659	Q2.S.G	University of California, San Diego
Whole-exome sequencing to identify causative genes for autism	\$350,000	Q3.L.B	University of California, San Diego
A sex-specific dissection of autism genetics	\$150,000	Q2.S.B	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$320,196	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Core Neuroimaging Support Site	\$368,786	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (Simons VIP) Core Leader Gift	\$12,980	Q2.S.G	University of California, San Francisco
Effect of abnormal calcium influx on social behavior in autism	\$31,250	Q4.S.B	University of California, San Francisco
Role of a novel Wnt pathway in autism spectrum disorders	\$600,000	Q4.S.B	University of California, San Francisco
Internet-based trial of omega-3 fatty acids for autism spectrum disorder	\$62,500	Q4.S.C	University of California, San Francisco
Cerebellar plasticity and learning in a mouse model of autism	\$31,250	Q2.Other	University of Chicago
A genome-wide search for autism genes in the SSC UIC	\$0	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection Site	\$114,869	Q3.L.B	University of Illinois at Chicago
Quantitative analysis of craniofacial dysmorphology in autism	\$69,173	Q1.S.A	University of Massachusetts Medical School
Simons Simplex Collection Site	\$402,144	Q3.L.B	University of Michigan
Stimulus-driven attention deficits in autism	\$60,000	Q2.Other	University of Minnesota

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Autism dysmorphology measure validity study	\$0	Q1.S.A	University of Missouri
Simons Simplex Collection Site	\$311,075	Q3.L.B	University of Missouri
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$180,000	Q1.L.A	University of North Carolina at Chapel Hill
Genetic studies of autism-related Drosophila neurexin and neuroligin	\$550,000	Q2.Other	University of North Carolina at Chapel Hill
Role of UBE3A in neocortical plasticity and function	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Small-molecule compounds for treating autism spectrum disorders	\$350,000	Q4.S.B	University of North Carolina at Chapel Hill
Functional genomic dissection of language-related disorders	\$320,076	Q4.S.B	University of Oxford
A study of autism	\$162,232	Q2.L.B	University of Pennsylvania
Transcriptional responsiveness in lymphoblastoid cell lines	\$52,863	Q2.Other	University of Pennsylvania
A genome-wide search for autism genes in the SSC Pittsburgh	\$0	Q3.L.B	University of Pittsburgh
Behavioral and physiological consequences of disrupted Met signaling	\$800,000	Q4.S.B	University of Southern California
Mouse models of human autism spectrum disorders: Gene targeting in specific brain regions	\$300,000	Q2.S.D	University of Texas Southwestern Medical Center
Mechanisms of synapse elimination by autism-linked genes	\$75,000	Q2.S.D	University of Texas Southwestern Medical Center
Coordinated control of synapse development by autism-linked genes	\$75,000	Q2.S.D	University of Texas Southwestern Medical Center
Relevance of NPAS1/3 balance to autism and schizophrenia	\$0	Q3.L.B	University of Texas Southwestern Medical Center
A mouse model for human chromosome 7q11.23 duplication syndrome	\$49,452	Q4.S.B	University of Toronto
Simons Variation in Individuals Project (VIP) Site	\$465,813	Q2.S.G	University of Washington
Simons Simplex Collection Site	\$186,539	Q3.L.B	University of Washington
Genomic hotspots of autism	\$616,368	Q3.L.B	University of Washington
The mirror neuron system in children with autism	\$29,539	Q4.S.F	University of Washington
Simons Simplex Collection Site	\$516,490	Q3.L.B	Vanderbilt University
A genome-wide search for autism genes in the SSC Vanderbilt	\$0	Q3.L.B	Vanderbilt University Medical Center
Executive functioning, theory of mind, and neurodevelopmental outcomes	\$0	Q4.L.B	Vanderbilt University Medical Center
Brain circuitry in simplex autism	\$0	Q2.Other	Washington University in St. Louis

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Role of intracellular mGluR5 in fragile X syndrome and autism	\$150,000	Q2.S.D	Washington University in St. Louis
Misregulation of BDNF in autism spectrum disorders	\$0	Q1.L.A	Weill Cornell Medical College
Simons Foundation Simplex Project Collection Site	\$159,775	Q3.L.B	Weill Cornell Medical College
Simons Variation in Individuals Project (VIP) Recruitment Coordination Site	\$66,702	Q2.S.G	Weis Center For Research - Geisinger Clinic
Genetically defined stem cell models of Rett and fragile X syndrome	\$175,000	Q2.S.D	Whitehead Institute for Biomedical Research
Using zebrafish and chemical screening to define function of autism genes	\$199,999	Q4.S.B	Whitehead Institute for Biomedical Research
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	\$219,581	Q1.L.A	Yale University
Brain-behavior growth charts of altered social engagement in ASD infants	\$208,333	Q1.L.A	Yale University
Functional analysis of EFR3A mutations associated with autism	\$31,250	Q2.Other	Yale University
Investigating the etiology of childhood disintegrative disorder	\$74,983	Q2.S.F	Yale University
Longitudinal neurogenetics of atypical social brain development in autism	\$876,490	Q2.S.G	Yale University
Whole Exome Sequencing of Simons Simplex Trios	\$5,656,277	Q3.L.B	Yale University
Simons Simplex Collection Site	\$130,000	Q3.L.B	Yale University
A genome-wide search for autism genes in the Simons Simplex Collection	\$1,383,893	Q3.L.B	Yale University
Genetics and gene-environment interactions in a Korean epidemiological sample of autism	\$74,662	Q3.S.C	Yale University
Integrated approach to the neurobiology of autism spectrum disorders	\$116,672	Q4.S.B	Yale University

